



PATENT  
ATTORNEY DOCKET NO.: 046124-5270

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Emi MIYATA *et al.* )  
Application No.: 10/771,462 ) Group Art Unit: To Be Assigned  
Filed: February 5, 2004 ) Examiner: To Be Assigned  
For: X-RAY IMAGING DEVICE )

Commissioner for Patents  
U.S. Patent and Trademark Office  
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Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO Form-1449. To the best of the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached PTO Form-1449.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

**Except** for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

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Dated: March 4, 2004

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<b>INFORMATION DISCLOSURE CITATION</b>				Attorney Docket No.: 046124-5270		Application No.: 10/771,462	
(Use several sheets if necessary)  <b>PTO Form-1449</b>				<b>PAGE 1 OF 1</b>			
				Applicant(s): Emi MIYATA <i>et al.</i>			
				Filing Date: February 5, 2004		Group: Unassigned	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub Class	Translation Yes      No
		JP 09-275223	Oct. 21, 1997	Japan			X (Abstract Only)
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
		G. C. H. Sanderink, "Intra-Oral and Extra-Oral Digital Imaging: an Overview of Factors Relevant to Detector Design", <u>Nuclear Instruments and Methods in Physics Research</u> , A 509, pp. 256-261, (2003).					
		A. D. Holland, "New Developments in CCD and Pixel Arrays", <u>Nuclear Instruments and Methods in Physics Research</u> , A 513, pp. 308-312, (2003).					
		Badel, <i>et al.</i> , "Improvement of an X-ray Imaging Detector Based on a Scintillating Guides Screen", <u>Nuclear Instruments and Methods in Physics Research</u> , A 487, pp. 129-135, (2002).					
		Speller, <i>et al.</i> , "Current Statue and Requirements for Position-Sensitive Detector in Medicine", <u>Nuclear Instruments and Methods in Physics Research</u> , A 477, pp. 469-474, (2002).					
		Bavdaz, <i>et al.</i> , "Future Space Applications of Compound Semiconductor X-Ray Detectors", <u>Nuclear Instruments and Methods in Physics Research</u> , A 458, pp. 123-131, (2001).					
		Castelli, <i>et al.</i> , "A Novel High Energy X-Ray Detector Concept using CCDs", <u>Nuclear Instruments and Methods in Physics Research</u> , A 376, pp. 298-300, (1996).					
Examiner					Date Considered		
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.							